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M Crosbie, G Spafford - Proceedings of the 18th National Information Systems ..., 1995 - reference.kfupm.edu.sa
... a login attempt, a network connection, excessive **CPU usage** etc.), the ... to a human operator via some **monitoring** process ... No one **agent** has the final vote to decide on ...

Cited by 151 - Related articles - View as HTML - All 13 versions

A monitoring sensor management system for grid environments- ► psu.edu [PDF]

B Tierney, B Crowley, D Gunter, J Lee, M ... - Cluster Computing, 2001 - Springer
... to host **monitoring** sensors for **CPU** load, interrupt ... such as restarting servers or **monitoring** processes. This **agent-based monitoring** architecture is sufficiently ...

Cited by 129 - Related articles - BL Direct - All 27 versions

[PDF] ► Immunity-based intrusion detection system: A general framework

D Dasgupta - Proceedings of the 22nd National Information Systems ..., 1999 - Citeseer
... Specifically, these **agents monitor** various parameters simultaneously at multiple ... at resource **usage** such as **CPU**, memory, I ... different sets of such **agent** roam the ...

Cited by 134 - Related articles - View as HTML - All 14 versions

How to monitor and control resource usage in mobile agent systems- ► rmit.edu.au [PDF]

P Bellavista, A Corradi, C Stefanelli - Proceedings of the 3rd International Symposium on ... - doi.ieeecomputersociety.org
... maximum percentage threshold to the total **CPU** time they can engage, in order to preserve the **CPU** availability (in ... We claim that **agent** on-line **monitoring** is a ...

Cited by 16 - Related articles - All 11 versions

Planetlab: an overlay testbed for broad-coverage services- ► ufcg.edu.br [PDF]

B Chun, D Culler, T Roscoe, A Bavier, L ... - ACM SIGCOMM Computer Communication Review, 2003 - portal.acm.org
... **agent** running at www.planet-lab.org. The **monitoring** facility currently reports overall **CPU** and memory utilization, as well as per-slice network **usage**. ...

Cited by 240 - Related articles - BL Direct - All 21 versions

A dynamic quality of service middleware **agent for mediating application resource **usage**- ► psu.edu [PDF]**

S Brandt, G Nutt, T Berk, J Mankovich - Real-Time Systems Symposium, 1998 - doi.ieeecomputersociety.org
... cantly closer to our goal of a viable middleware QoS resource management **agent**. ... each application is characterized by two numbers, the maximum **CPU usage** and the ...

Cited by 115 - Related articles - All 24 versions

Effective intrusion detection using multiple sensors in wireless ad hoc networks- ► hawaii.edu [PDF]

O Kachirski, R Guha - System Sciences, 2003. Proceedings of the 36th ..., 2003 - ieeexplore.ieee.org
... This is done to prevent processing of the same packet more than once by any **packet-monitoring agent**. ... **Agent** subsystem also allows us to limit **CPU usage** by an ...

Cited by 93 - Related articles - All 7 versions

[PDF] ► Wide area cluster **monitoring with ganglia**

FD Sacerdoti, MJ Katz, ML Massie, DE Culler - Proceedings of the IEEE Cluster 2003 Conference, 2003 - 202.44.37.234
... In all data points the aggregate **CPU usage** is less for the N ... 3). Nodes in the N-level **monitoring** tree keep only ... receive a full tree from its gmeta **agent**, the N ...

Cited by 87 - Related articles - View as HTML - All 84 versions

Mobile security agents for network traffic analysis- ► memphis.edu [PDF]

D Dasgupta, H Brian - ... of DARPA Information Survivability Conference & ..., 2001 - doi.ieeecomputersociety.org
... an **agent** looks at overall system memory, **CPU**, and I ... a Decision/Action **Agent** (D/A Agent) for further ... 5 illustrates the process that **Monitoring Agents** follow to ...

Cited by 44 - Related articles - All 6 versions

Managing network resources in Condor- ► wisc.edu [PDF]

J Basney, M Livny - Proceedings of the Ninth IEEE Symposium on High ..., 2000 - doi.ieeecomputersociety.org
... customer **agent** may continue using the allocated **CPU** by running ... In this case, the customer **agent** notifies the ... By **monitoring** Condor's network **usage**, we provide ...

Cited by 51 - Related articles - All 18 versions

The Grid2003 production grid: Principles and practice- ► brown.edu [PDF]

I Foster, J Gieraltowski, S Gose, N Maltsev, ... - 13th International Symposium on High Performance ..., 2004 - doi.ieeecomputersociety.org
... Ganglia is used to collect cluster **monitoring** information such as **CPU** and network load and memory and disk **usage**. ... MonALISA [55], **Monitoring Agents** in a ...

Cited by 85 - Related articles - All 39 versions

Hector: an **agent** based architecture for dynamic resource management- ► psu.edu [PDF]

SH Russ, K Reece, J Robinson, B Meyers, D ... - IEEE concurrency, 1999 - ieeexplore.ieee.org
... duties of these **agents** include **monitoring** load average ... In some systems, **agents** have additional responsibilities ... to determine total memory and **CPU usage** based on ...

Cited by 28 - Related articles - BL Direct - All 8 versions

Monalisa: A distributed **monitoring** service architecture- ► arxiv.org [PDF]

HB Newman, IC Legrand, P Galvez, R Voicu, C ... - Arxiv preprint cs/0306096, 2003 - arxiv.org
... the topology of the system; to **monitor** and track ... reflector: such as the load, **CPU usage**, and total ... Filter **agents** to compute an exponentially mediated quality ...

Cited by 133 - Related articles - View as HTML - All 12 versions

A scalable SNMP-based distributed **monitoring** system for heterogeneous network computing- ► psu.edu [PDF]

R Subramanyan, J Miguel-Alonso, JAB Fortes - Proceedings of the 2000 ACM/IEEE conference on ..., 2000 - portal.acm.org
... network connectivity between manager and **agents** and pass ... Section 6. In a centralized **monitoring** system, the ... numerous, resulting in high **CPU usage** of the ...

Cited by 36 - Related articles - All 10 versions

A methodology for testing intrusion detection systems- ► kfupm.edu.sa [PDF]

NJ Puketza, K Zhang, M Chung, B Mukherjee, ... - IEEE Transactions on Software Engineering, 1996 - ieeexplore.ieee.org
... time, duration of login session, **CPU usage**, disk **usage** ... the monitored computers, the LAN **Monitor** communicates ... DIDS Director via a Communications **Agent** program. ...

Cited by 142 - Related articles - BL Direct - All 25 versions

Decentralized SNMP management with mobile **agents**

M Zapf, K Herrmann, K Geihs - ... Network Management, 1999. Distributed Management for ..., 1999 - ieeexplore.ieee.org
... a good distribution of management-specific **CPU** load ... It is highly flexible as the health **agents monitor** only small ... To keep the total number of **agent** places low ...

Cited by 72 - Related articles - All 3 versions

An architecture for intrusion detection using autonomous **agents**- ► kfupm.edu.sa [PDF]
JS Balasubramaniyan, JO Garcia-Fernandez, D ... - Proceedings of the 14th IEEE Computer Security ..., 1998 - doi.ieeecomputersociety.org
... Separation of the **monitor** and the ... and is the one under which we are developing new **agents** and exploring ... such as Perl, which have large memory and **CPU** footprints ...
Cited by 373 - Related articles - All 42 versions

A cooperative intrusion detection system for ad hoc networks- ► gatech.edu [PDF]
Y Huang, W Lee - portal.acm.org
... In our architecture, a detection **agent** runs on each “**monitoring**” node to detect local intru- sions, and collaborates with other **agents** to investigate the ...
Cited by 209 - Related articles - All 14 versions

The NetLogger methodology for high performance distributed systems performance analysis- ► kfupm.edu.sa [PDF]
B Tierney, W Johnston, B Crowley, G Hoo, C ... - Proc. 7th IEEE Symp. on High Performance ..., 1998 - doi.ieeecomputersociety.org
... provide the standard interface for **monitoring CPU** load, interrupt ... such as restarting servers or **monitoring** processes. ... is a special type of **agent** that manages ...
Cited by 133 - Related articles - All 27 versions

An environment for enabling interactive grids- ► psu.edu [PDF]
V Talwar, S Basu, R Kumar - 12th IEEE International Symposium on High ..., 2003 - ieeexplore.ieee.org
... levels. GMMA **monitoring agents monitor** the actual **usage** values of the **CPU** and network bandwidth utilization of applications. This ...
Cited by 22 - Related articles - All 12 versions

Performance **monitoring** of Java applications- ► vu.nl [PDF]
M Harkema, D Quartel, BMM Gijzen, RD van ... - Proceedings of the 3rd International workshop on ..., 2002 - portal.acm.org
... eg, duration of locking contention and **CPU** time **usage** ... in JVMPi that is relevant for event-driven **monitoring**. The profiler **agent** is notified of events through a ...
Cited by 28 - Related articles - All 8 versions

Active **monitoring** of network systems using mobile **agents**
A Tripathi, T Ahmed, S Pathak, A Pathak, M ... - Networks: The Proceedings of the Joint ..., 2002 - books.google.com
... It can detect process creation and termination events. The **agents monitor** process information such as owner, memory and **CPU usage** etc. ...
Cited by 13 - Related articles - All 2 versions

[PDF] ► A model for resource-aware load balancing on heterogeneous clusters
J Faik, LG Gervasio, JE Flaherty, J Chang, ... - Proceedings of the Conference on Cluster - cs.williams.edu
... The **monitoring agents** contain ... that **monitor CPU** load and memory **usage**. ... are responsible for **monitoring** one or more network nodes. ...
Cited by 18 - Related articles - View as HTML - All 2 versions

Service level management definition, architecture, and researchchallenges- ► postech.ac.kr [PDF]
L Lewis, P Ray, C Syst, NH Merrimack - Global Telecommunications Conference, 1999. ..., 1999 - ieeexplore.ieee.org
... Service parameters include thread distribution, **CPU usage** per application ... **Agents** can be built to **monitor** parameters that ... good example is an **agent** whose purpose ...
Cited by 26 - Related articles - BL Direct - All 3 versions

An infrastructure for **monitoring** and management in computational grids- ► psu.edu [PDF]
A Wahseed, W Smith, J George, J Yan - Lecture notes in computer science, 2000 - Springer
... tool relies on a customized **CPU monitor** to implement ... An Infrastructure for **Monitoring**

and Management in ... **Java Agents for Monitoring and Management (JAMM [3])** is ...

Cited by 43 - Related articles - SL Direct - All 8 versions

Policy-driven management of agent systems

A Corradi, N Dulay, R Montanari, C Stefanelli - Lecture notes in computer science, 2001 - Springer

... nodes, in order to locally control the **CPU usage** (by exploiting the SOMA **monitoring** component) and to promptly react in the case one process/**agent** exceeds its ...

Cited by 20 - Related articles - SL Direct - All 4 versions

An artificial immune system model for intelligent agents

RL King, S H. Russ, A B. Lambert, D S. Reese - Future Generation Computer Systems, 2001 - Elsevier

... as being designed as complementary intelligent **agents**. ... into the environment, **monitoring** resource **usage** ... may include memory availability, **CPU usage**, disk traffic ...

Cited by 21 - Related articles - All 5 versions

[PDF] ► Cpu resource control and accounting in the nomads mobile agent system

PT Groth, N Suri - ... with Autonomous Mobile Objects and Agent Based ..., 2000 - cs.umn.edu

... **CPU usage**. Enforcement of this limit is the responsibility of the thread scheduler, a component inside the Aroma VM. A user, **monitor** application, or the **agent** ...

Cited by 10 - Related articles - View as HTML - All 11 versions

[PDF] ► Monitor and control of mobile agent applications

P Bellavista, A Corradi, C Stefanelli - ... with Autonomous Mobile Objects and Agent Based ..., 2000 - lia.deis.unibo.it

... on one host, the administrator may want that the total **CPU** time consumed ... and control resource **usage** during **agent** execution, ie **agent** on-line **monitoring**, is a ...

Cited by 7 - Related articles - View as HTML - All 4 versions

[PDF] ► Active defense of a computer system using autonomous agents

M Crosbie, G Spafford - Proceedings of the 18th National Information Systems ..., 1995 - reference.kfupm.edu.sa

... perform actions over time which were just slightly outside of normal system **usage**, then it ... allows greater scope for flexibility, with each **agent monitoring** a small ...

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